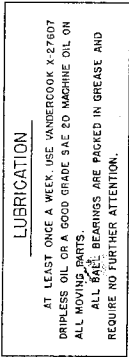
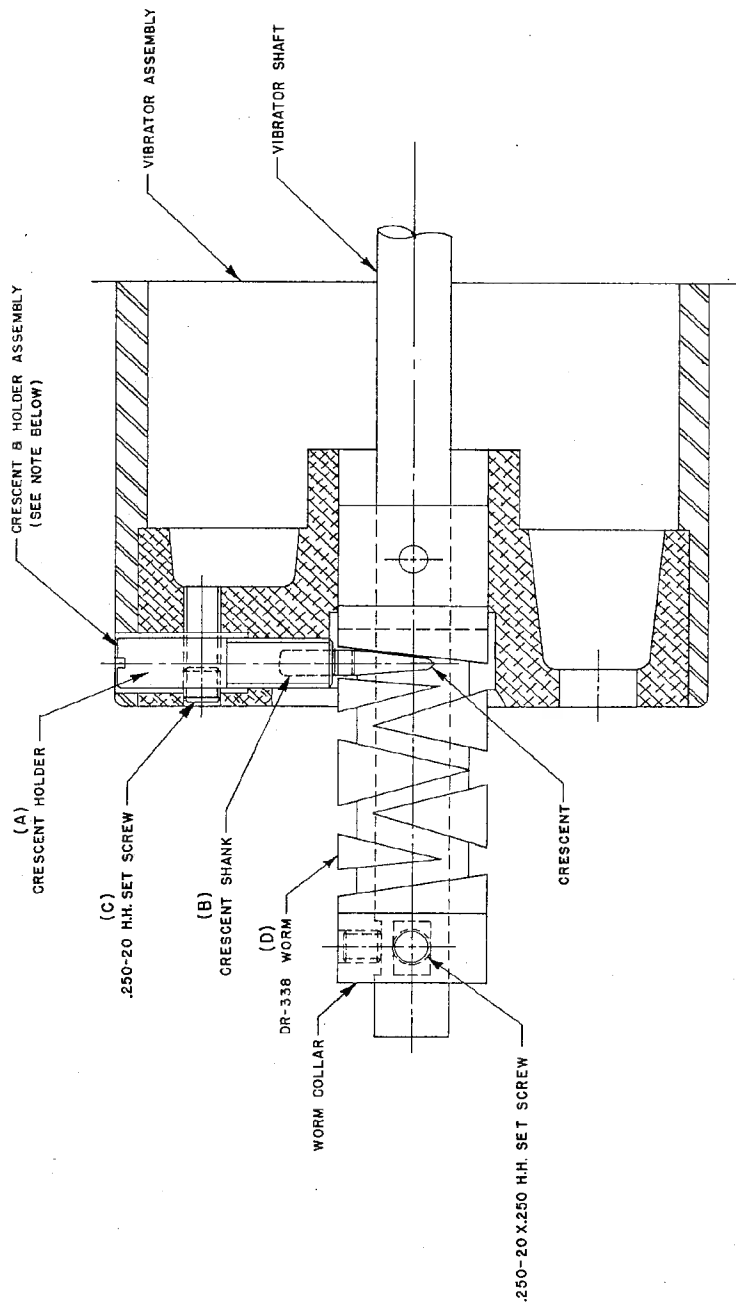


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PARTIAL SECTION VIEW OF INK DRUM VIBRATOR ASSEMBLY

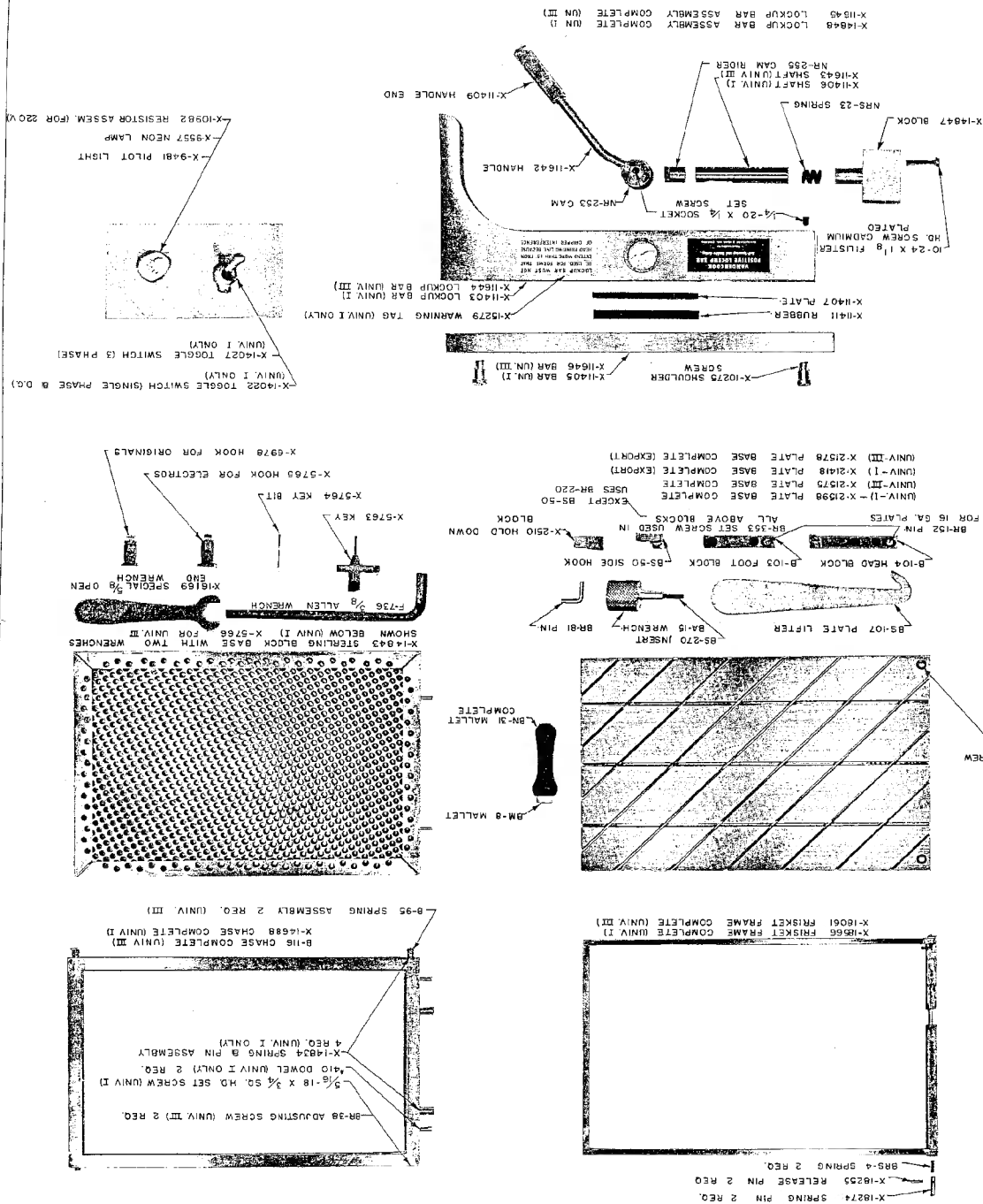
- ① ADJUST CRESCENT HOLDER-(A) UNTIL IT TOUCHES END OF CRESCENT SHANK-(B). THEN BACK OFF 3/4 OF A TURN AND LOCK HOLDER WITH 250-20 H.H. SET SCREW-(C). THIS SETTING MUST ALLOW WORM-(D) TO ROTATE FREE OF ANY DRAG, TRAVELING FULL LENGTH BOTH DIRECTIONS.
- ② COAT VIBRATOR WORM WITH GRAPHITE GREASE OR VASELINE.

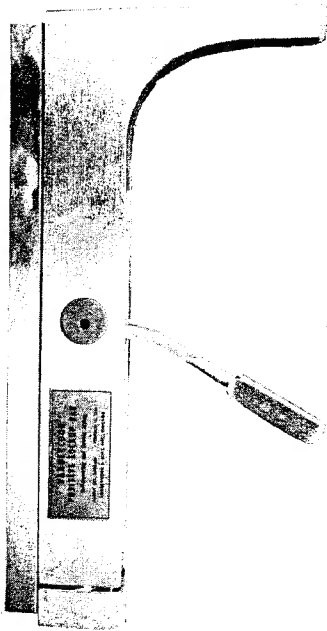
NOTE-- CRESCENT AND HOLDER ASSEMBLY AS SHOWN IS PART NO. M-184. THE ABOVE INSTRUCTIONS APPLY ALSO TO X-2031 CRESCENT AND HOLDER ASSEMBLY (NOT SHOWN).

CRESCENT OR WORM REPLACEMENT INSTRUCTIONS

VANDERCOOK UNIVERSAL I & III TEST PRESSES

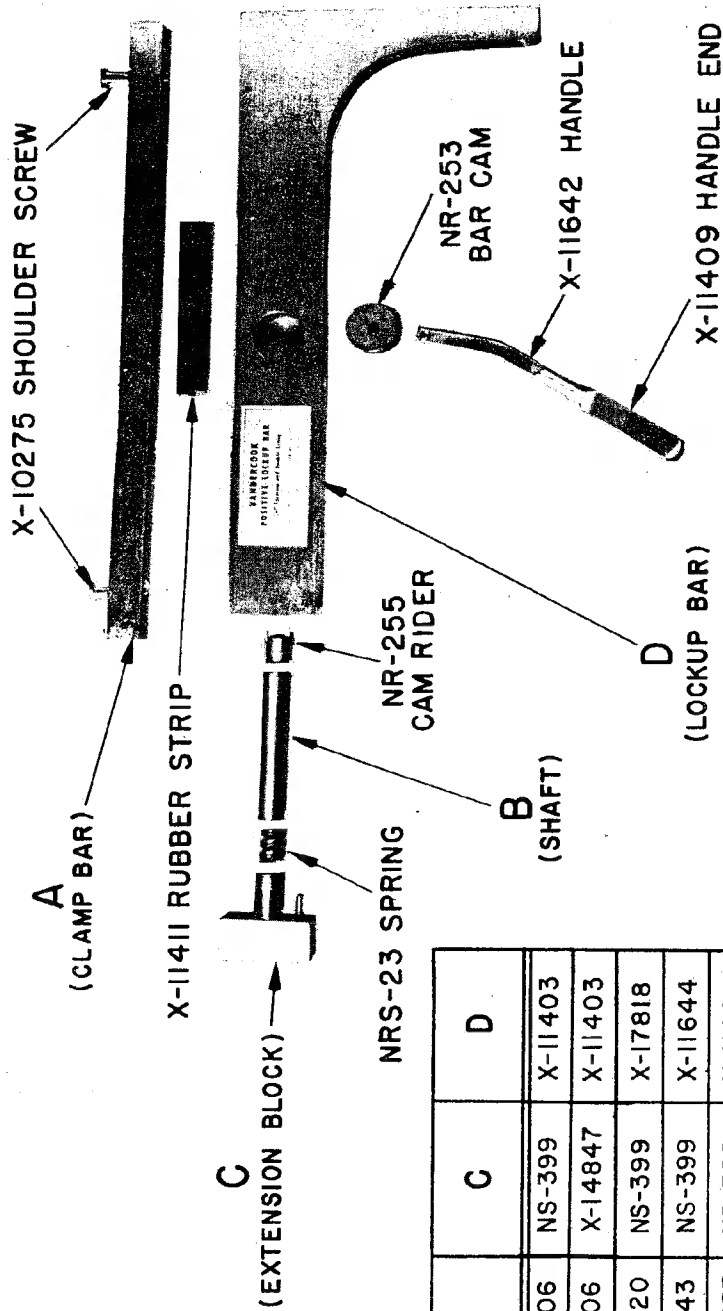
SHEET NO. 186



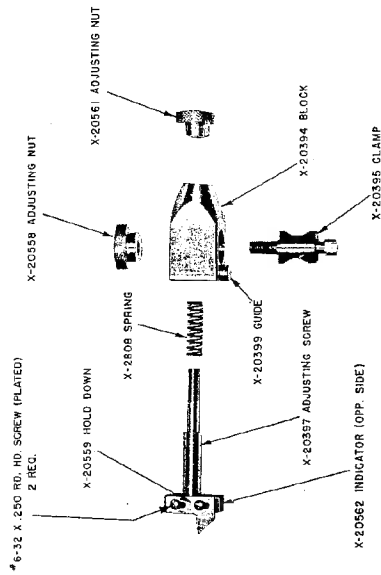


LOCKUP BAR ASSEMBLY (COMPLETE)

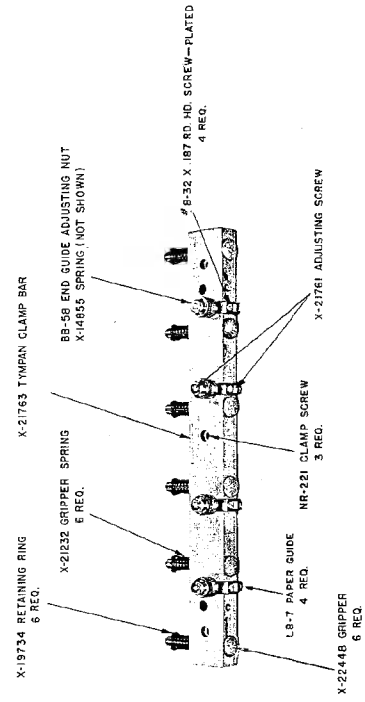
VANDERCOOK MODEL NO.	PART NO.	WIDTH
3, 4, SPI5, 15-20, 15-21	X-11410	15.000"
UNIVERSAL I	X-14848	15.500"
319	X-17800	18.250"
UNIVERSAL II, III, 219 (ALL)	X-11645	19.000"
SP20	X-20322	20.062"
425	X-17000	24.250"
325	X-11897	25.000"
SP25	X-23071	25.250"



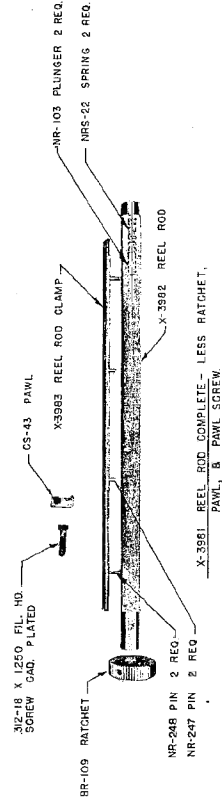
VANDERCOOK MODEL NO.	A	B	C	D
3, 4, SPI5, 15-21	X-11405	X-11406	NS-399	X-11403
UNIVERSAL I	X-11405	X-11406	X-14847	X-11403
319	X-17819	X-17820	NS-399	X-17818
UNIV. II, III, 219	X-11646	X-11643	NS-399	X-11644
SP20	X-11896	X-20323	NS-399	X-11886
425	X-17005	X-17004	NS-399	X-17003
325	X-11899	X-11898	NS-399	X-11887
SP25	X-11899	X-11898	X-23072	X-11887



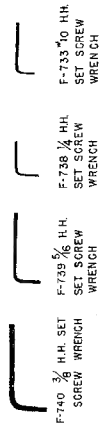
X-20556 SIDE GUIDE ASSEMBLY (COMPLETE)



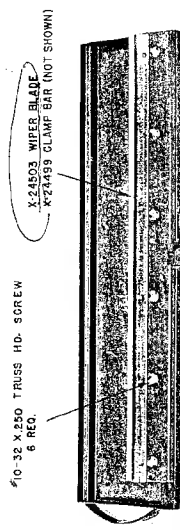
X-21768 GRIPPER BAR ASSEMBLY (COMPLETE)



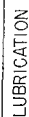
X-25630 WASHUP TRAY ASSEMBLY (COMPLETE)



X-18021 TOOL SET (COMPLETE)



F-3982 3/2-18 X 750 NYLOC SET SCREW

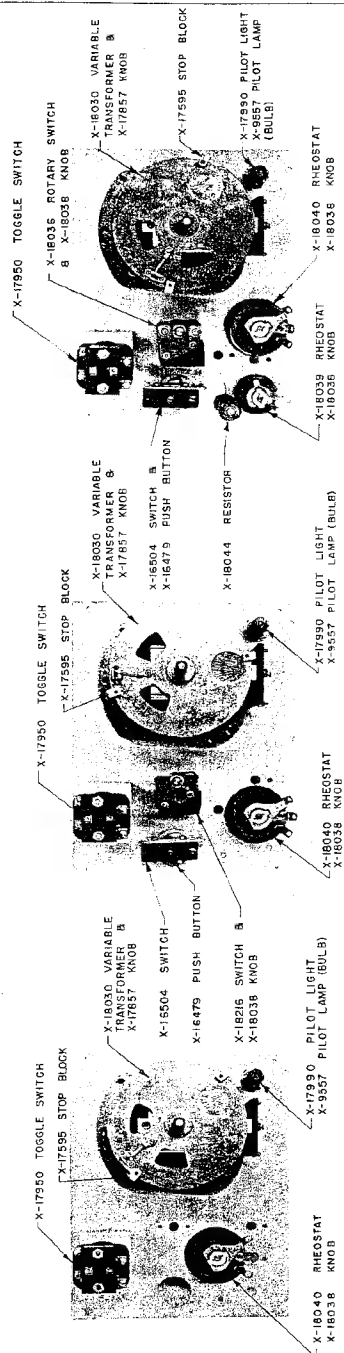


AT LEAST ONCE A WEEK, USE VANDERCOOK X-27607
DRIPLESS OIL OR A GOOD GRADE SAE 20 MACHINE OIL ON
ALL MOVING PARTS.
ALL BALL BEARINGS ARE PACKED IN GREASE AND
REQUIRE NO FURTHER ATTENTION.

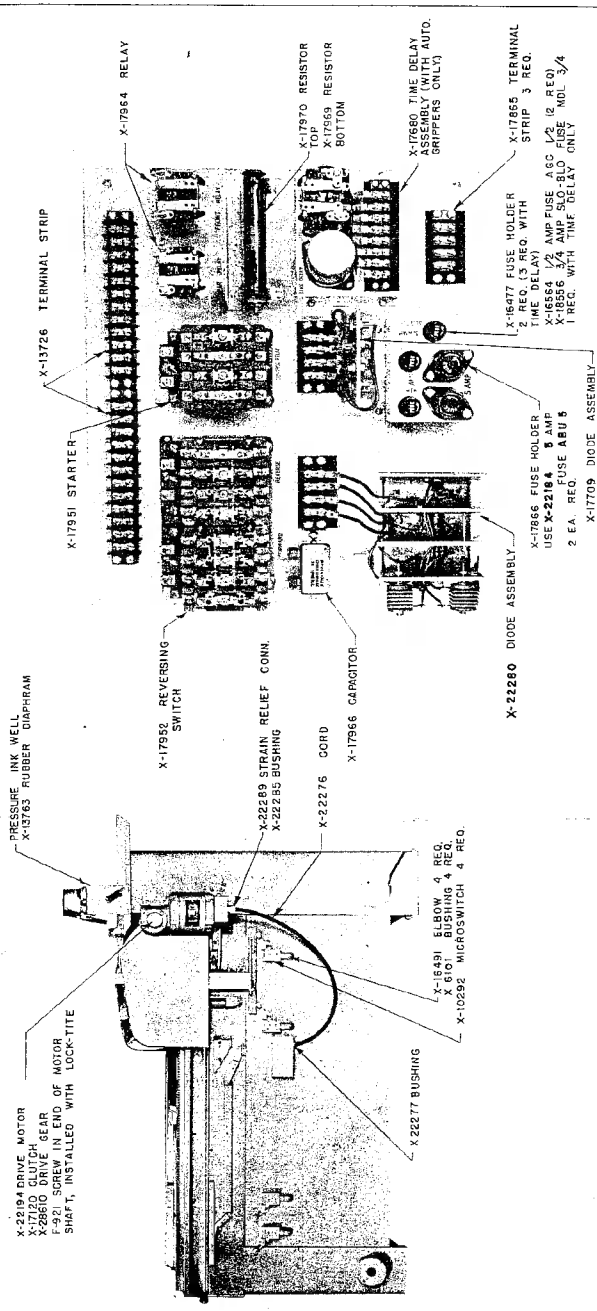
CONTROL STATION - PLAIN POWER
X-17949 COMPLETE ASSEMBLY

CONTROL STATION - WITH AUTOMATIC TAPE DELIVERY
X-18287 COMPLETE ASSEMBLY

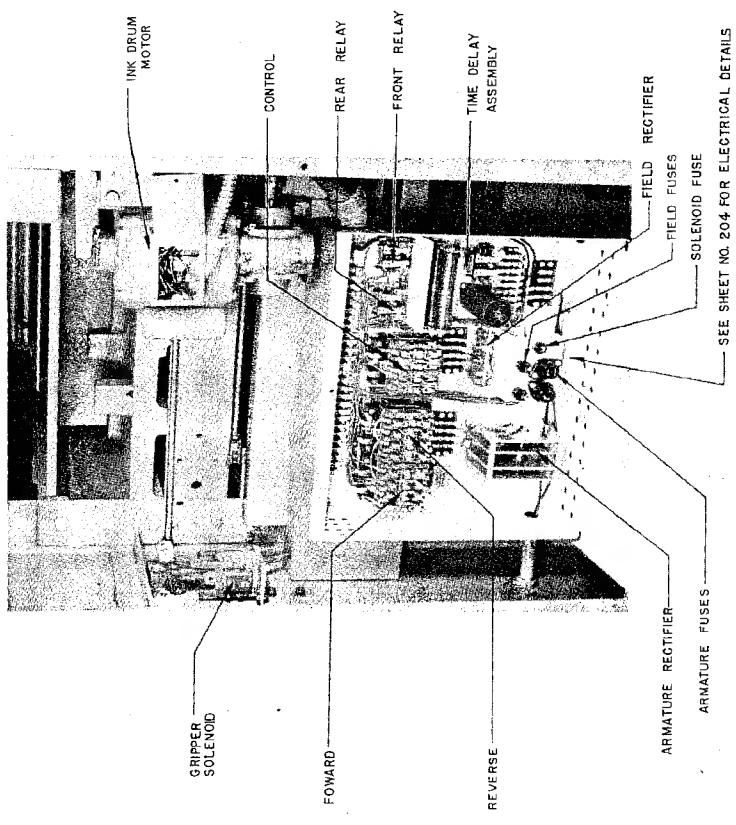
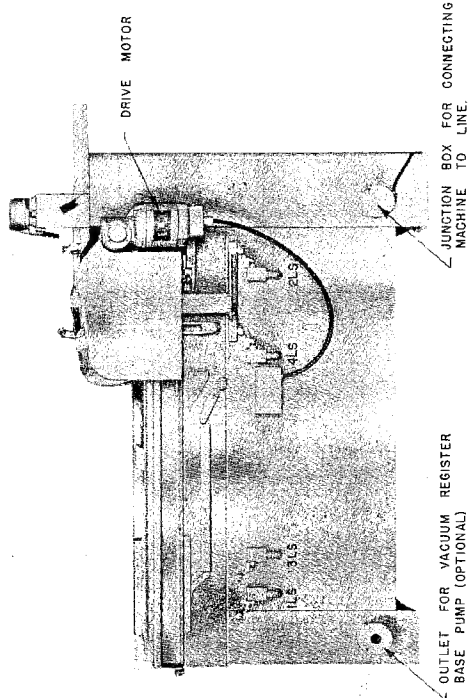
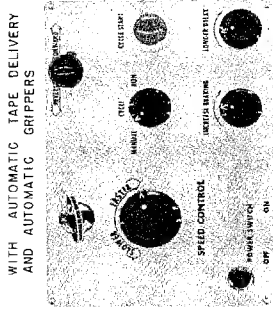
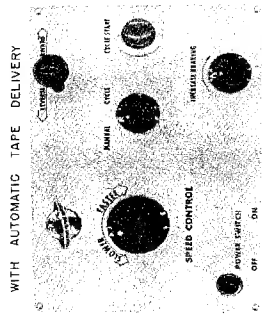
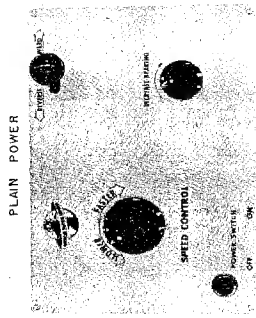
CONTROL STATION - WITH AUTOMATIC GRIPPER OPENER
X-18288 COMPLETE ASSEMBLY

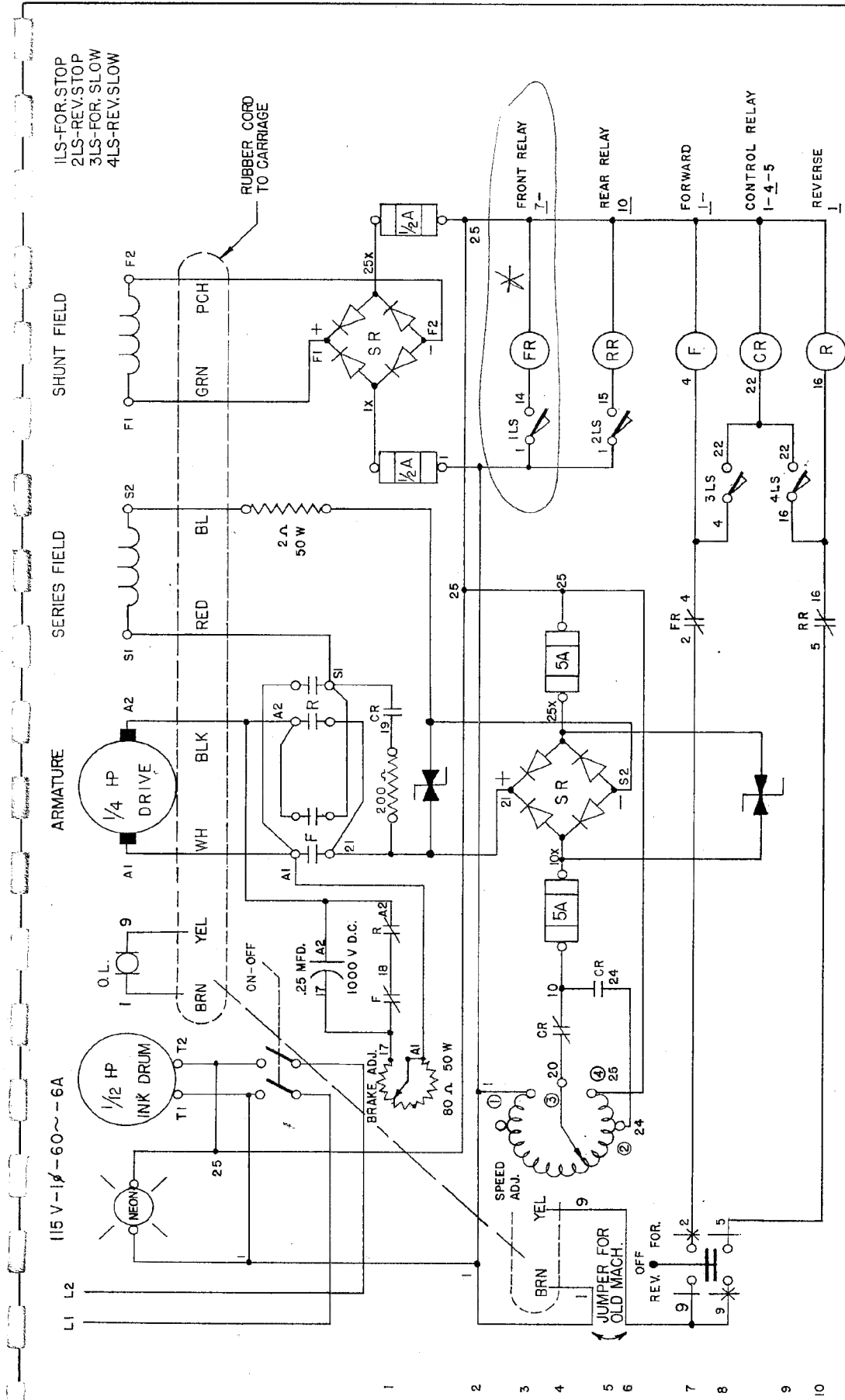


PANEL ASSEMBLY
X-18286 - COMPLETE ASSEMBLY - WITH AUTOMATIC GRIPPER OPENER ONLY
X-18285 - COMPLETE ASSEMBLY - ALL OTHERS



POWER DRIVE CONTROL STATIONS





115 V-1 ϕ -60~-6A

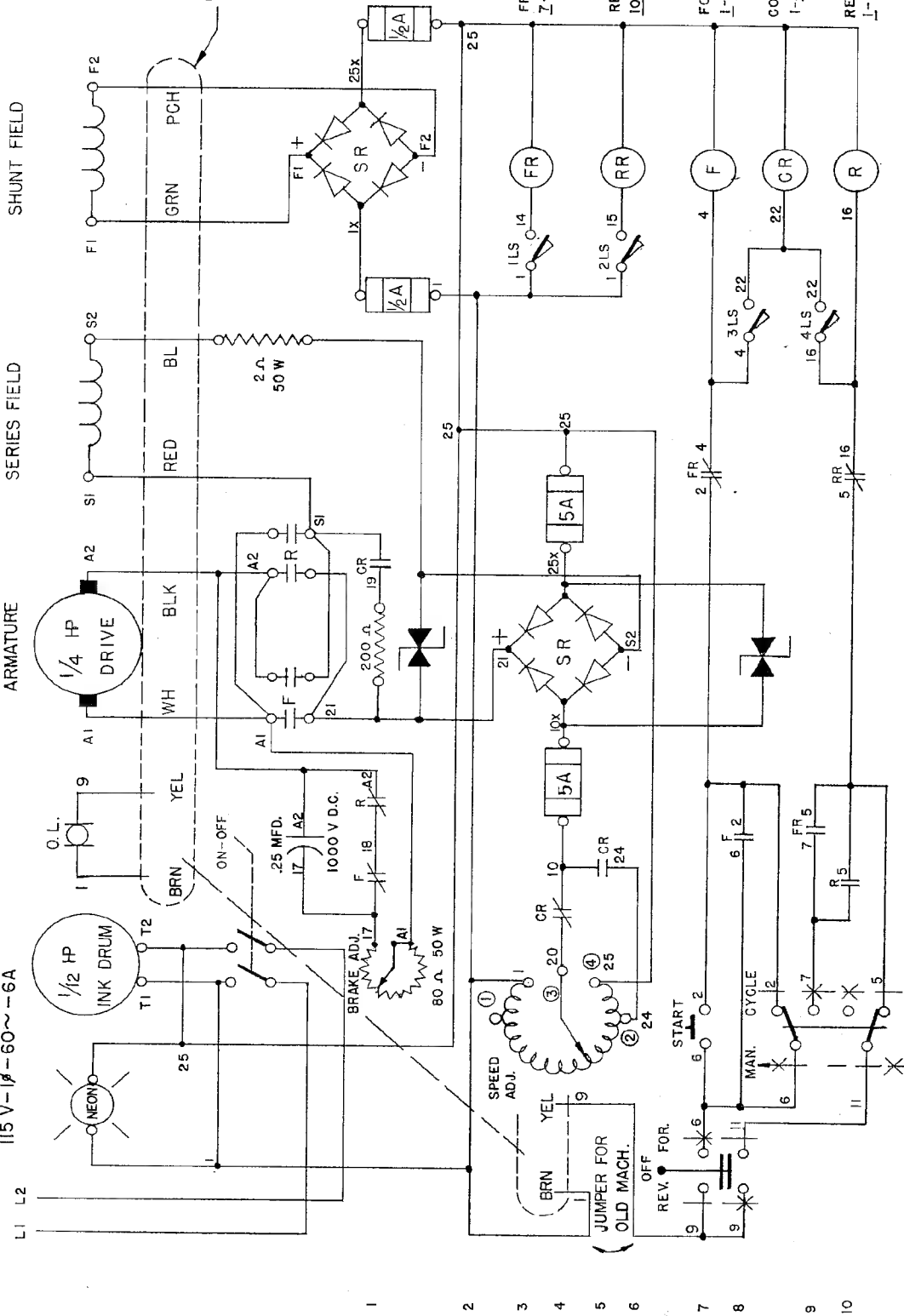
SHUNT FIELD

SERIES FIELD

ARMATURE

1LS-FOR, STOP
2LS-REV, STOP
3LS-FOR, SLOW
4LS-REV, SLOW

RUBBER CORD
FOR CARRIAGE



L.U. NO. 25

NOT USED 3-8-12-13-23

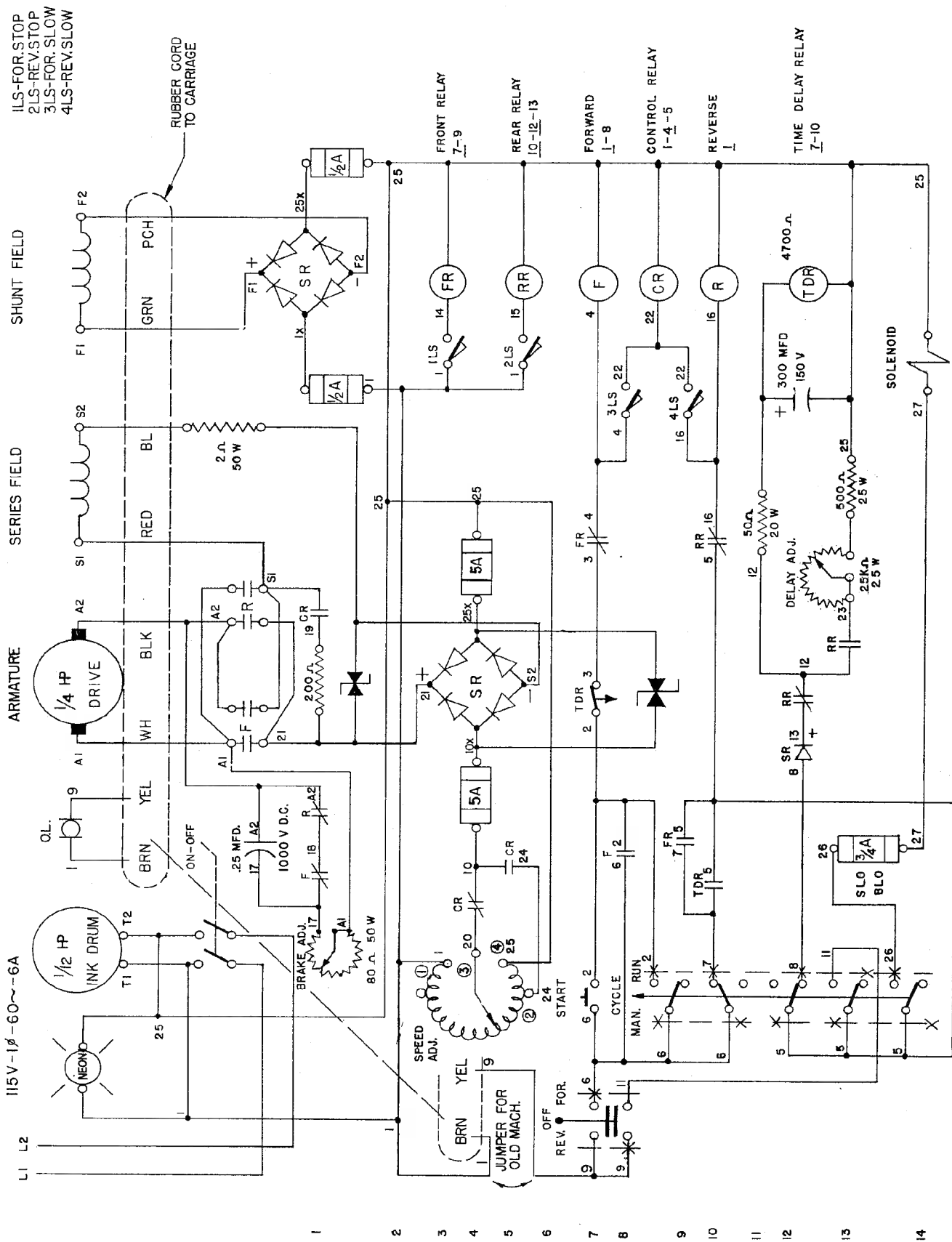
F.U. 22025

50 2-66

UNIVERSAL III

POWER DRIVE WITH AUTOMATIC
TAPE DELIVERY.

SHEET NO. 218A



L.U. NO. 27
NOT USED
F.U. 22025

POWER DRIVE WITH AUTOMATIC
TAPE DELIVERY & AUTOMATIC
GRIPPER OPENER.

UNIVERSAL III

SHEET NO. 219 A